



**Department of  
Public Works**

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## 2012 PLANT EFFLUENT WATER QUALITY ANALYSIS

The results below are a combined annual average of the Columbia Heights and Fridley Water Treatment Plant effluents. For more information on water quality, please call (612)661-4921.

<b>Parameter</b>	<b>Annual Average (parts per million)</b>
Aluminum	0.03
Calcium (as CaCO <sub>3</sub> )	57
Chloride	25
Combined Chlorine Residual	3.8
Fluoride	0.97
pH (as pH units)	9.04
Iron	0.01
Magnesium (as CaCO <sub>3</sub> )	15
Manganese	<0.01
Nitrate (as N)	0.84
Phosphate (total)	0.88
Silica	8
Sodium	12
Sulfate	25
Total Alkalinity (as CaCO <sub>3</sub> )	37
Total Hardness (as CaCO <sub>3</sub> )	78
Total Hardness (grains per gallon)	4.6

